

CDFA Research Scientific Advisory Panel (RSAP)

"Another important gap is an integrated GIS-based database that includes GWSS population density information, *Xf* genotype distribution, PD distribution, crop information, temperature and geographical information."



Dr. George Sundin



Dr. Daniel Sumner

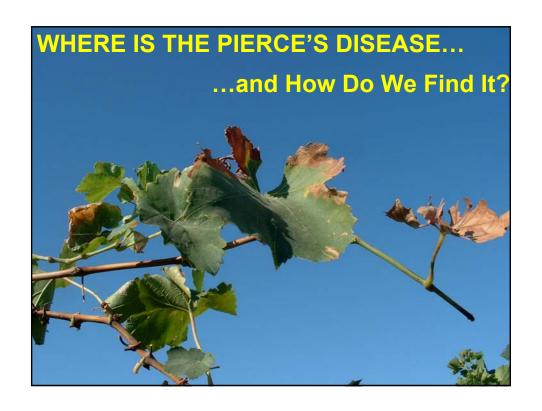


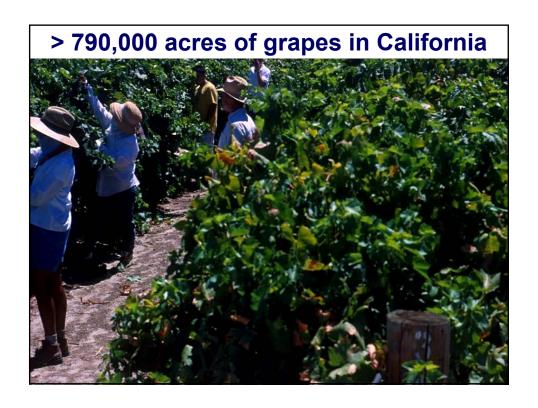
Dr. Greg Loeb

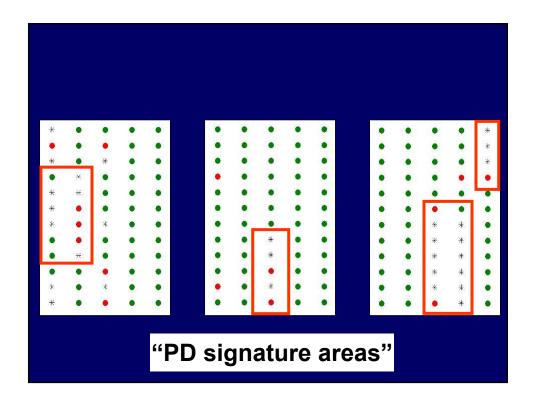
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"Research areas to target for further funding...

Expansion and enhancement of the GIS database to include location of PD-infected vines, location of specific Xf genotypes, and location and number of infected vines removed from vineyards."

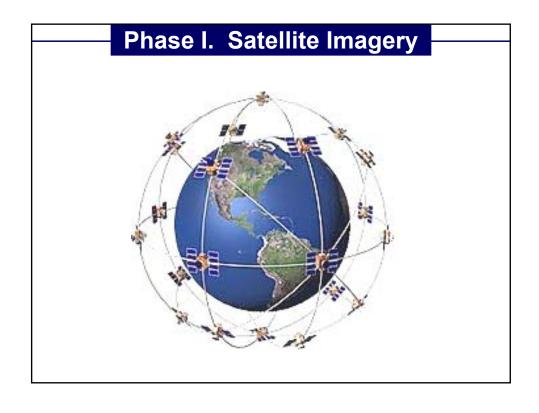


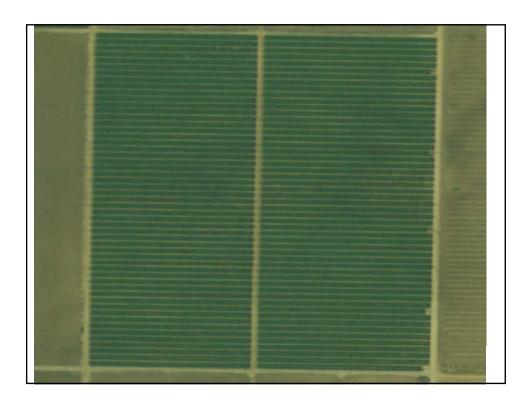


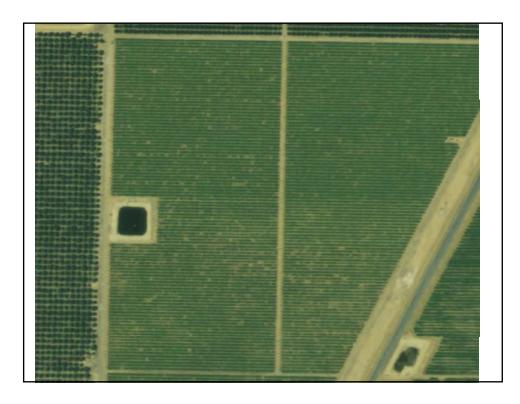






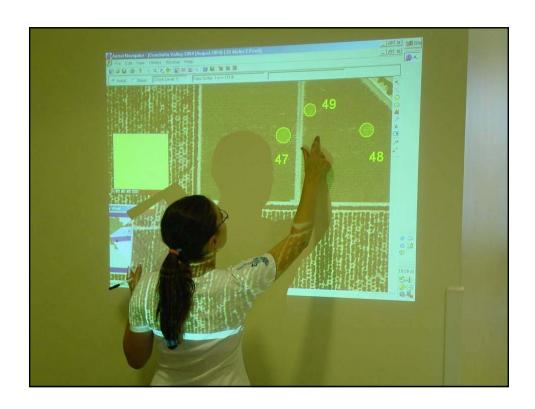


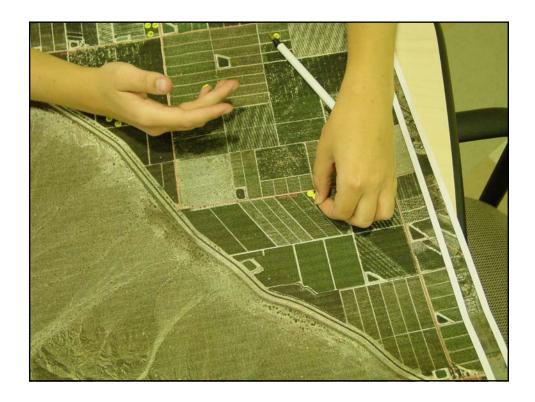


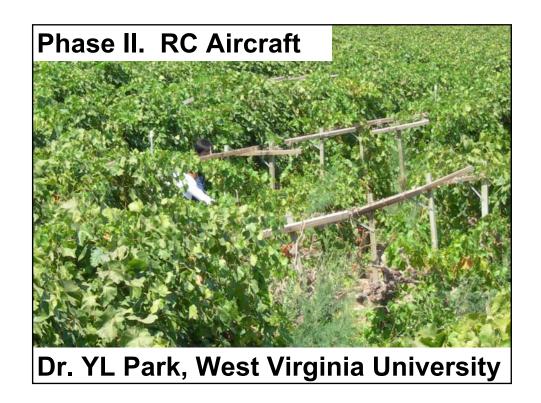


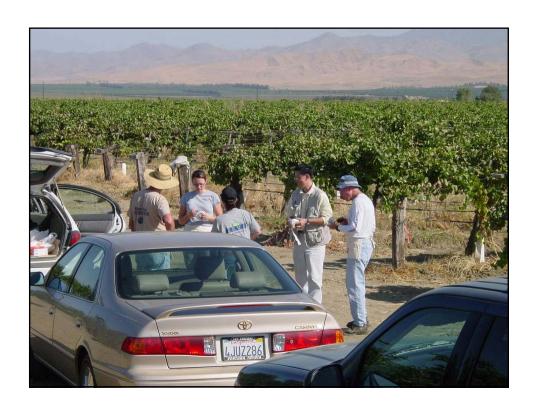


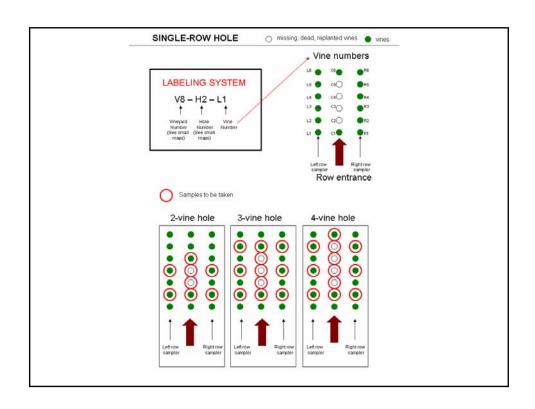


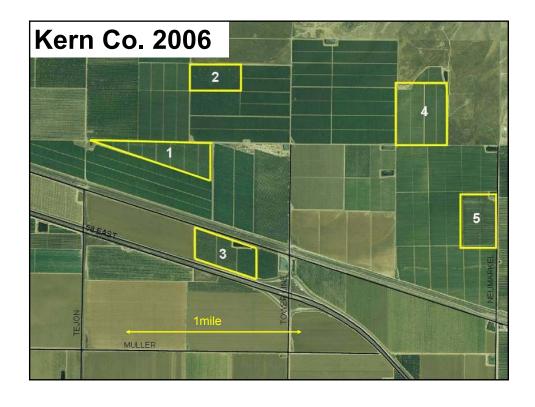


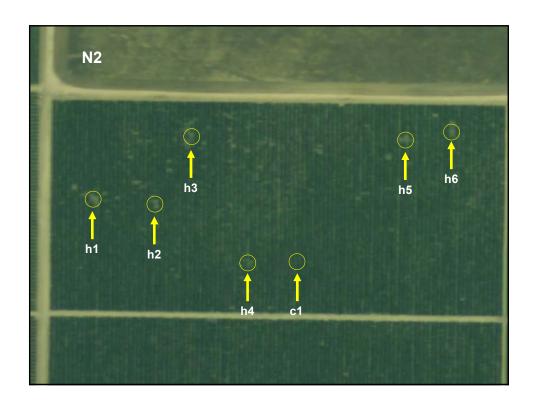


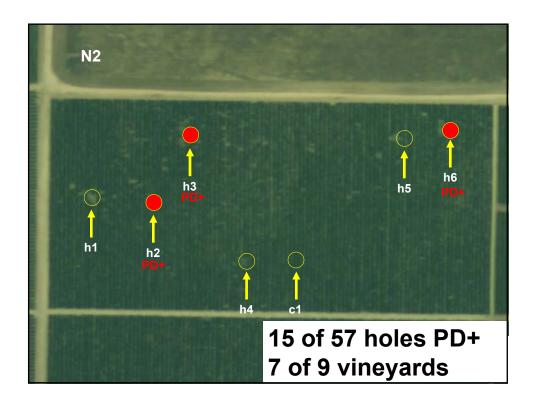


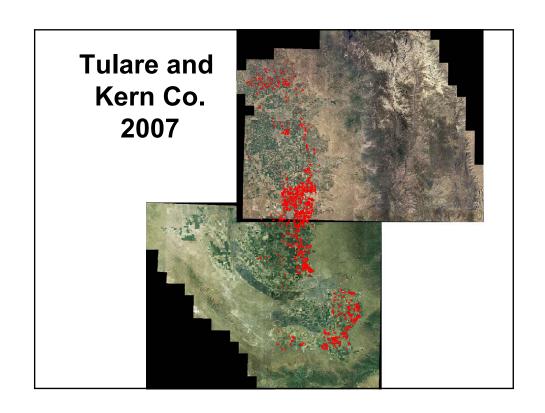


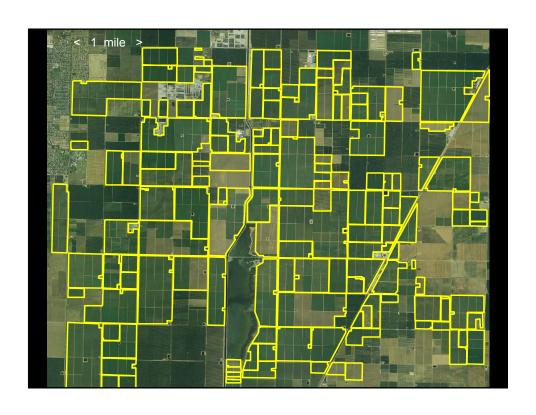


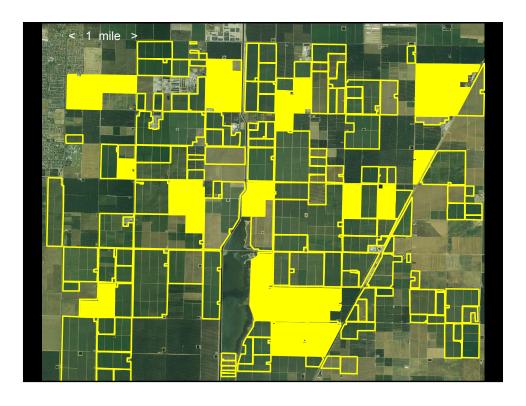






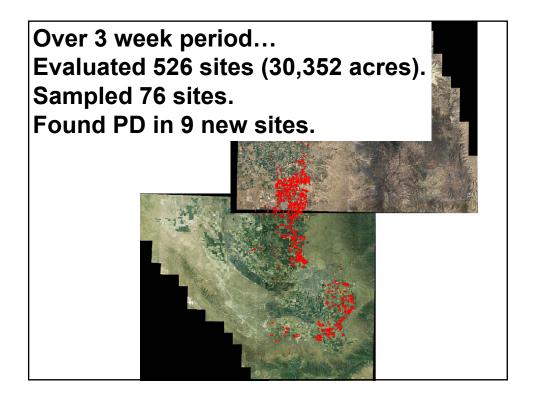


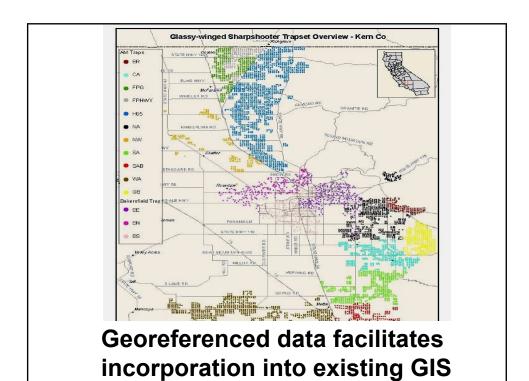


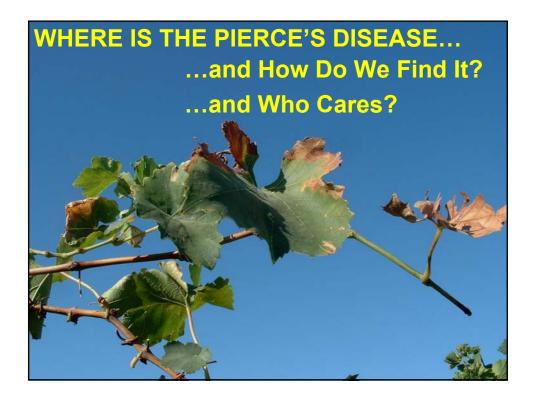












Stakeholders

Growers

- 1. Roguing infected vines
- 2. Replanting into infected areas
- 3. Reluctance?
 - a. Economics of diseased vines.
 - b. Vine loss replacement prgm.

Stakeholders

Growers

Regulatory Agencies
County Ag Commissioners
CDFA

- 1. Prioritize treatment areas.
- 2. Where do we need to use new varieties?
- 3. Risk Mapping (other SS?)

Stakeholders

Growers

Regulatory Agencies
Cooperative Extension Advisers

- 1. Integrated pest programs.
- 2. Recommendations/advice based on more complete info.

Stakeholders

Growers

Regulatory Agencies
Cooperative Extension Advisers
Scientific Community

1. Landscape epidemiology.

How does GWSS contribute to
X.f. spread?

Stakeholders

Growers
Regulatory Agencies
Cooperative Extension Advisers
Scientific Community

- 1. How does GWSS contribute to X.f. spread?
- 2. What biotic/abiotic conditions lead to spread?
- 3. Impact/Dist. of *X.f.* strains

Cooperators

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Barry Hill & Rosie Yacoub CDFA, Sacramento

Acknowledgments

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- California Desert Grape Administrative Committee
- University of California PD Research Grants Program
- CDFA Pierce's Disease Control Program
- Coachella Valley Grape Growers

